



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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D4021-9

Job Sheet 203616



Part No: D4021-9

Job Qty: 80 pcs

Part Name: Bushing



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/22/19

Job Tracking No:

Due Date: 12/10/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV B SHEET 3 IPP REV:A NEW ISSUE 09-11-23 JLM VERIFIED BY:DD IPP Rev:B as per dwg REV.A
DD 10.02.22 verified by:EC IPP Rev:C as per dwg revB DD 10.04.20 verified by:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier Lead Time	
100	Hardinge - 1	80 pcs	12/10/19	12/10/19	0.50	4.21	Hardinge - 1	BM-206-01-09
120	QC 8	80 pcs	12/10/19	12/10/19	0.00	0.00	QC 8 - 12	
							QC 8 - 14	
							QC 8 - 17	
							QC 8 - 20	
							QC 8 - 25	
							QC 8 - 3	
							QC 8 - 32	
							QC 8 - 33	
							QC 8 - 35	
							QC 8 - 39	
							QC 8 - 4	
							QC 8 - 44	
							QC 8 - 45	
							QC 8 - 49	
							QC 8 - 58	
							QC 8 - 8	
							QC 8 - 9	
							QC 8 - 68	
							QC 8 - 67	
							QC 8 - 1 (A)	SBC 20/01/09
							QC 8 - 47	
							QC 8 - 40	
							QC 8 - 52	
							QC 8 - 23	
							QC 8 - 57	
							QC 8 - 76	
							QC 8 - 61	
130	Packaging 3-1 - Stock - B4B	80 pcs	12/10/19	12/10/19	0.00	0.00	Packaging 3 - 1 - B4B	
							Packaging 3 - 2 - B4B	



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CANADA
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Container No: S245932



Part: D4021-9

Job No: 203616

Serial No/Batch: S245932

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 01/09/20

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				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	MA
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140 QC 21 - SA	80 pcs	12/10/19	0.00 0.00	QC 21 - SA - 21	DAS
				QC 21 - SA - 70	21
				QC 21 - SA - 53	53
Part Op 100 - (Hardinge) TURN AS PER FOLIO FA 868 AND DWG D4021 DWG REV: B					FOLIO
Descriptions: REV: 44 ***MACHINE TO .375" MAX OD ***					JAN 09 2020
120 - (QC8- Inspect parts - second check)					
130 - (Identify as per dwg & Stock Location:) LOCATION: WA004-5					
140 - (QC21- Final Inspection - Work Order Release)					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
M304R0.375	304 Round Bar 0.375	5.4400 ft (.068 ea)	100-Hardinge - 1	5243/00	
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
100-Hardinge - 1	M304R0.375	5	28	0	

Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Bushing	0.191Inches + 0.005 - 0.001	0.196 0.190	0.191	Diameter
2	Bushing	0.380Inches ± 0.030	0.410 0.350	0.375	
3	Bushing	0.750Inches ± 0.030	0.780 0.720	0.750	

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Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐



Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Eng. (Non-AW) ☐ Engineering ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Water Jet ☐ Large Fab ☐ Finishing ☐ Rec/Store/Packaging ☐ Supplier ☐ Quality ☐				Date: _____ Sequence #: _____ QTY Affected: _____ MRB (QS1042) _____																							
Description Work Order Deviation				Disposition																											
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐				FAULT CATEGORY																											
				<table border="1"> <tr> <td>Pressure/Forced</td> <td>Contamination</td> <td>Power Loss/Surge</td> <td>Positioned Wrong</td> </tr> <tr> <td>Bending</td> <td>Misaligned/off center</td> <td>Folio/Program</td> <td>Outside Tolerance</td> </tr> <tr> <td>Crushing</td> <td>BOM/Route</td> <td>Grain Direction</td> <td>Drawing</td> </tr> <tr> <td>Cracks</td> <td>Broken/Damage/Defect</td> <td>Weld</td> <td>Finish</td> </tr> <tr> <td>Crimp/Kink/Ripple/Wave/Twist</td> <td>Incomplete/Unclear Instructions</td> <td>Wrong Stock Pulled</td> <td>Part Lost/Missing</td> </tr> <tr> <td>Marks/Chatter</td> <td>Drill Holes</td> <td>Out of Sequence</td> <td>Misread</td> </tr> <tr> <td>Mislabeled</td> <td>Fit/Function</td> <td>Off-set/Set-up</td> <td></td> </tr> </table>				Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong	Bending	Misaligned/off center	Folio/Program	Outside Tolerance	Crushing	BOM/Route	Grain Direction	Drawing	Cracks	Broken/Damage/Defect	Weld	Finish	Crimp/Kink/Ripple/Wave/Twist	Incomplete/Unclear Instructions	Wrong Stock Pulled	Part Lost/Missing	Marks/Chatter	Drill Holes	Out of Sequence	Misread
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Other/Details: _____				Completed By _____ Lead hand / Supervisor _____ QC / QA Coordinator _____																											